

R50 BIG ON LOOKS SMALL ON SIZE

The New 2015 R50, doubtless the best looking PC in the World, provides the high performance that demanding applications require but in a small, rugged form factor that makes installation flexible. It is as versatile as your imagination.

Works Anywhere

The R50 can run at 100% load up to 65 C ambient and is sealed from dust ingress and salty air. It's been used in the engine rooms of tanker ships, in train tunnels in Western Australia and in rural Kenyan classrooms. This version is just as rugged.

Still Low Power Consumption

Despite its powerful performance, every component of the R50 has been selected for energy efficiency with Low Voltage laptop memory, specialised Intel processors, M.2 SATA SSDs and an onboard DC power supply.

Idle power consumption is 10.8 Watts and peak power consumption (with SSD, WLAN) is 19.3 Watts.

The R50 features a beautifully crafted body incorporating Copper and Aluminium, carved from solid blocks.

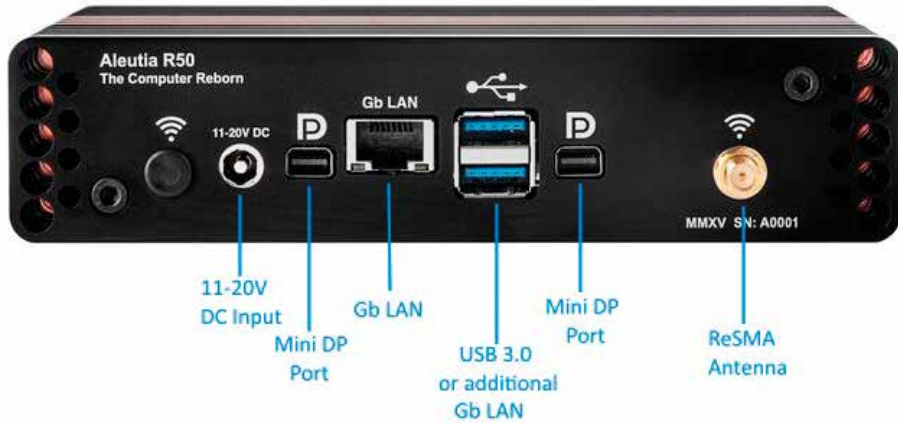
It's created using a computer numerical control, or CNC machine – the same precision process used to make aircraft components, ensuring consistency with every R50.



- Intel® NUC 5th generation i3 Processor, the R50 provides an, HD5500 Graphics and up to 16GB of RAM
- Reliability of no moving parts
- Solid state M.2 drive
- 2015 R50 continues to deliver for mission-critical applications where failure is not an option
- Carved from Solid Copper and Aluminium blocks
- Simply beautiful design

The Fanless
Aleutia R50
consumes just
10.8W





Processor & Memory

Processor: Passively Cooled Intel® Core™ i3-5010-U Processor (3M Cache, 1.80 GHz)

Memory: 4GB, 8GB and 16GB DDR3 SODIMM 1600Hz.

BIOS supports maximum of 16GB RAM.

Graphics

Chipset: Intel Intel® HD 5500

2x Mini Display Port.

Single Display: 3840 x 2160 @60 Hz, 24bpp.
Supports 2 monitors at: 3840 x 2160 @60 Hz Or single 4K monitor. R50 can support simultaneous 2 x 3840x2160 and 1 x 1920x1200

Storage Options

Solid State Drive: 60/128/256/512GB M.2 SATA

Connectivity

LAN: 10/100/1000 Mbps Ethernet Controller

LAN Features: PXE Boot and Wake-on-LAN supported

Optional WLAN: Intel 1030 150MB/s 802.11 b/g/n

Connections

Rear I/O: Gigabit LAN, 2 x USB 3.0 Ports
2 x Mini HDMI Display Port, 11-19V DC Input,
WLAN ReSMA Dual Antenna Header

Front I/O: 2 x USB 3.0 Ports, Power LED, Audio jack.

Size & Weight

Weight: 1.100 Kg

Size: 164 x 110 x 46 mm (Width x Depth x Height)

Power Consumption & Details

Power Consumption Standby: 1.9W (Tested on AC Mains with system in sleep mode and headless).

Power Consumption Idle: 6.4W (Tested on AC Mains with Monitor Connected and USB Mouse and Keyboard Connected, Windows 7 on SSD).

Power Consumption Peak: 21W (Tested on AC Mains with CPU, Chipset, RAM, and Drive maxed at 100% using Futuremark 2010 software).

Power Supply: 96% Efficient 12V DC PSU (11-19V Range). Can Run Directly from 12V battery - No Regulator Required.

AC Adapter: Wall Mount UK 3.3A AC adapter. For Australia, US, EU, supplied with 3.3A Brick Adapter with IEC Plug.

UK, EU, US, Australia Plug selected automatically based on delivery address.

Mechanical Information

Ventilation Protected from Dust

Body 100% Fanless Design

CNC Copper and Aluminium Chassis

Operating Conditions

Fanless Operating Temperature Range: at -15° to 65C

Operating System

Compatible with Microsoft Windows 7 and 8

Compatible with Ubuntu Linux (12.04) and Mint Linux 13



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